

**Product Model:**  
**DDS238-1 ZN**  
**Products Name:**  
**SINGLE-PHASE DIN-RAIL ELECTRONIC**  
**ENERGY METER(ONE MODULE WITH RS485)**

### SINGLE-PHASE DIN-RAIL ELECTRONIC ENERGY METER(ONE MODULE WITH RS485)

It is our latest style single phase panel meter; it adopts special large scale integrated circuit and international advanced technology of digital and SMT techniques and so on. Its general goal is high reliability, higher accuracy, higher reliability, and multi-function. It is carried out in every step of designing, producing, testing, aging and calibration. It's easy to realize the modern managing function.

#### Guarantee period

The manufactory will repair or replace the products on the condition that the user operates the meter according to the specification and the case is kept completely within 24 months.

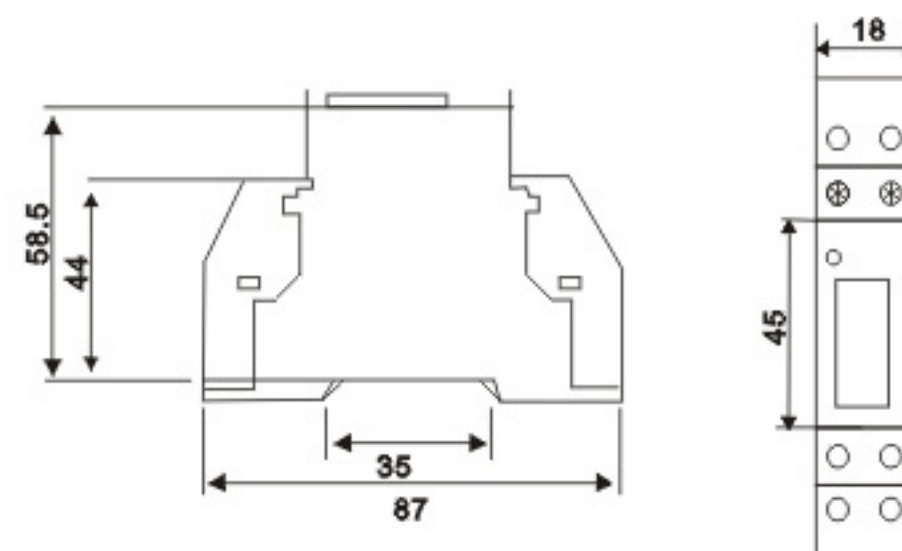
#### Parameters:

Voltage:	110V;220V;230V;240V	Current:	5(32)A	Accuracy class:	0.5 or 1.0
Frequency:	50 or 60Hz	Impulse constant:	3200imp/kWh	Display mode:	LCD 6+1
Power consumption:	1W /10VA	Starting current:	0.004Ib	Boud rate :	4800bps
Standard:	IEC62053-21 DL/T645-2007 DIN EN 50022, DIN43880				

#### Functions and characteristic

1. through RS485, can read and write meter data as well as setup meter data
2. 35mm DIN rail standard installation ; meter is only 18mm wide
3. Accurately measure total active energy (reverse energy measure in total energy)
4. Display current(A) / voltage(V) / power(W) / power factor(COS  $\Phi$ )
5. RS485 communication (DL/T 645-2007 protocol, can select Modbus protocol)
6. Passive impulse output (80 $\pm$ 5ms)

#### Outer and mount dimension:



#### Structure diagram:

